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GB 2050117 A GB 1226478 A WO 80/00629 A

(58) Field of search

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On-line databases: WPI, CLAIMS

(54) Radio operated personal attack alarm

(57) A radio operated personal attack alarm consists of a main alarm unit 10 containing the radio receiver, and incorporating a siren 12, strobe lights 13 and an illuminating message panel 11 upon which the address of the location being visited is written. The user would typically leave the main unit in a car parked nearby, carrying only a hand-held transmitter. In the event of an emergency, the user activates the alarm unit by means of the radio signal from the transmitter, and both the cry for help and the location are thus clearly communicated to a public place, with a request for immediate and appropriate assistance.

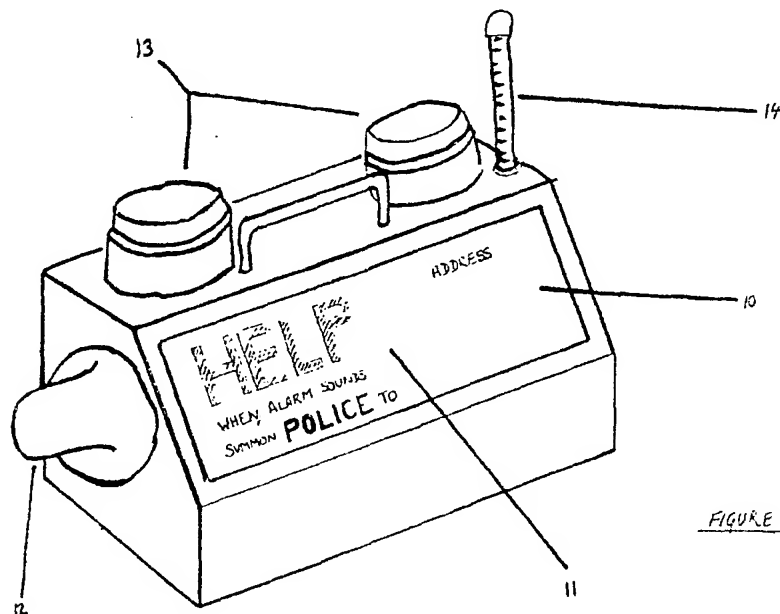


FIGURE 1

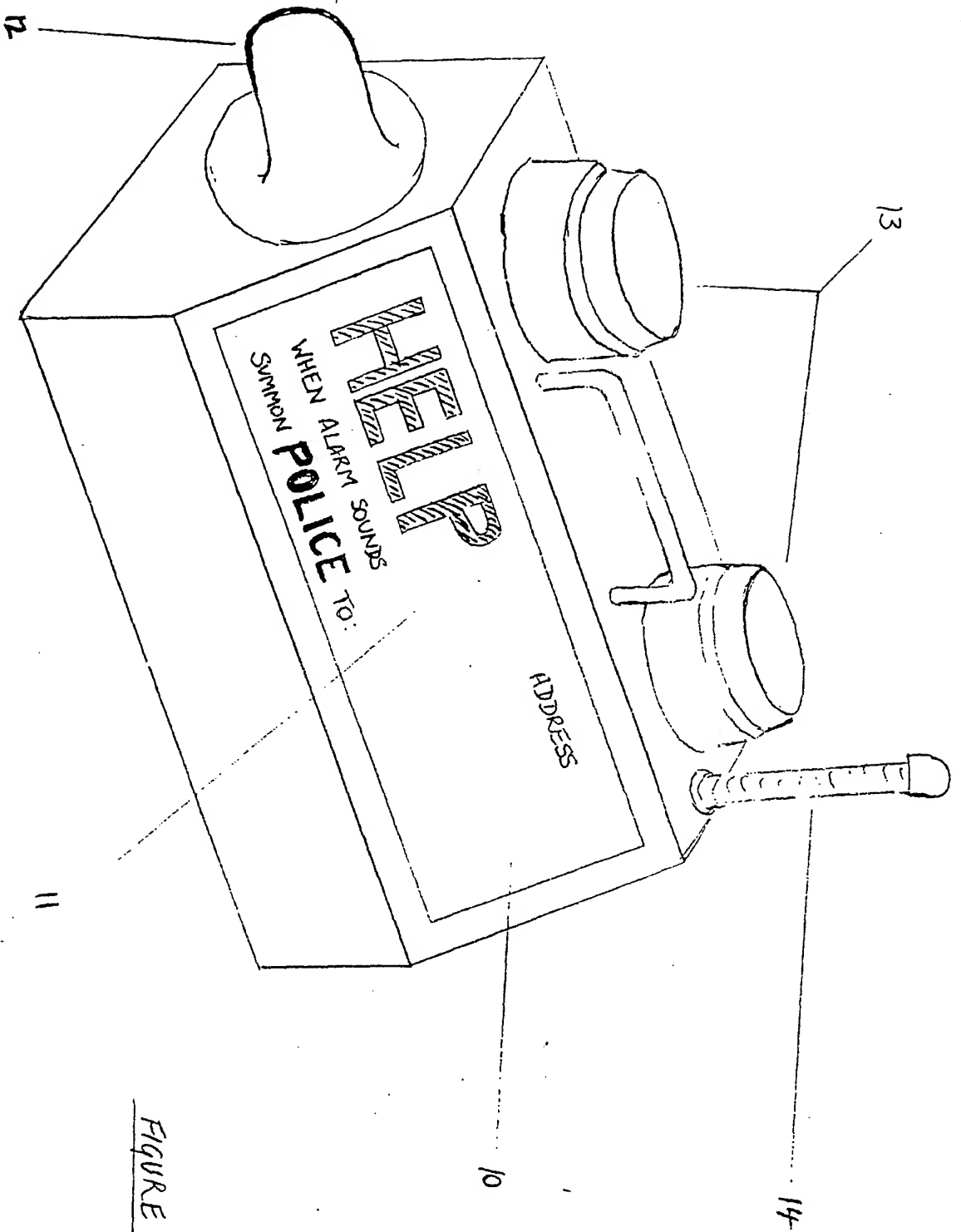


FIGURE 1

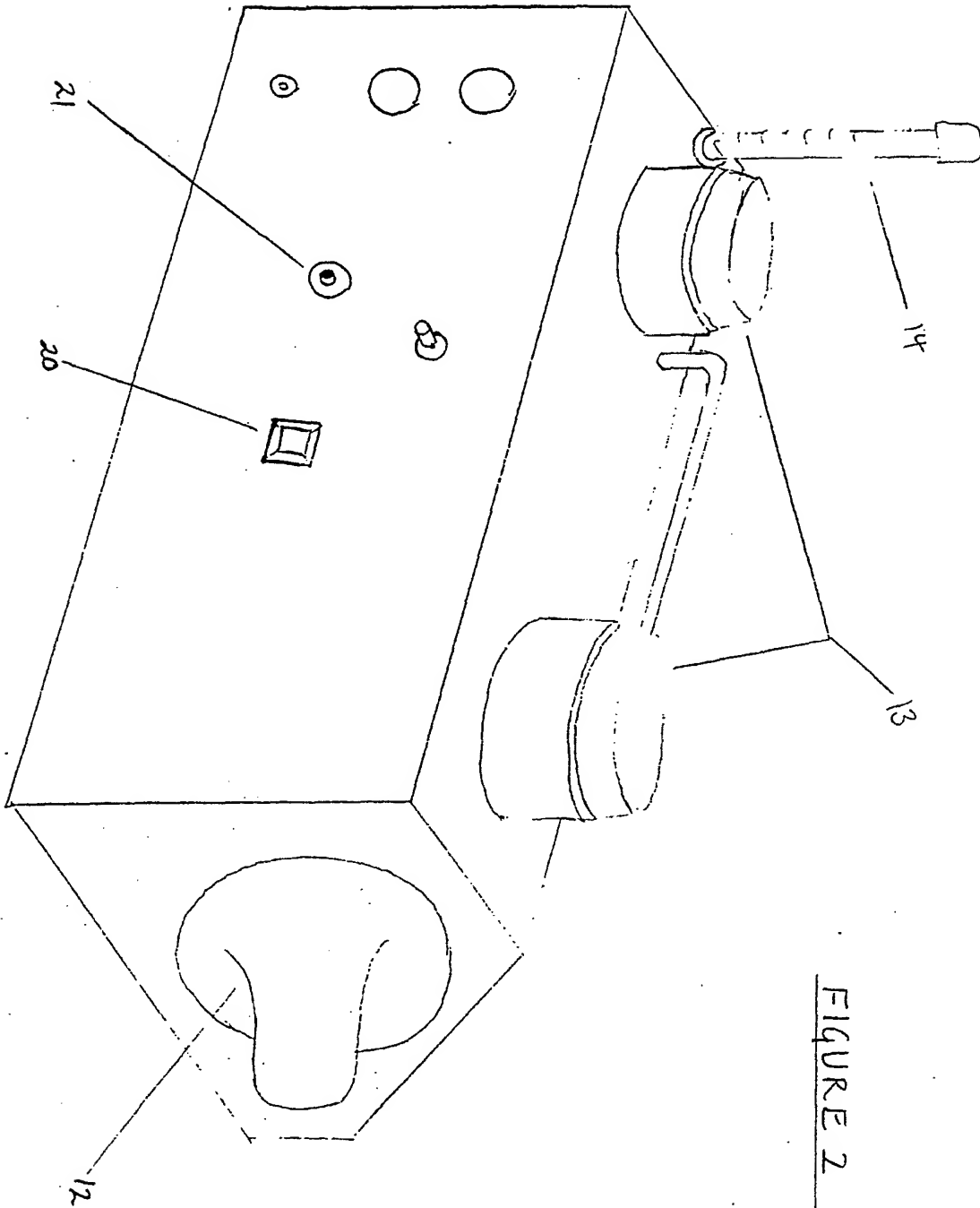


FIGURE 2

RADIO OPERATED PERSONAL ATTACK ALARM

2122/1344

This invention relates to a radio operated Personal Attack Alarm

With the increase in assaults and crimes against the person, many Personal Attack Alarms have been introduced to the marketplace. These work well where they can serve their primary function of summoning help from those in the vicinity by drawing attention to the fact that help is wanted.

In situations away from the public, e.g. in a block of flats or offices, conventional personal attack alarms are ineffective because 1) the signal may not reach the general public and 2) they do not communicate the location of the problem/person in difficulties.

The present invention provides for a portable radio-activated Alarm unit which is designed to be left in a conspicuous position in a public place and which, when triggered by a hand-held transmitter, will alert those in the vicinity to the need for urgent Police assistance to the specific location.

The specific modes of operation of the invention will now be described by way of example with reference to the accompanying illustrations in which:-

Figure 1 shows front of unit and illuminating message panel

Figure 2 shows rear of unit and control positions

The user, such as a person working away from their permanent place of employment, will typically carry the unit with them in their vehicle. Before leaving the vehicle to visit a particular premises, the user will enter the address to be visited on to the blank portion 10 of the message panel 11 as indicated in figure 1. The unit is then armed by the on/off switch 20 at the rear of the unit and placed in a prominent position within the vehicle, e.g. on the dashboard or the rear parcel shelf. The transmitter is carried at all times by the user, and is activated by a single firm press of the button within the top moulding; this action transmits a coded radio signal on an approved frequency, which is received through the aerial 14 of the remote receiver unit. In the alarm condition, the remote receiver unit will sound the high decibel siren 12, the red and blue strobe lights 13 will flash and the address and information panel 11 will illuminate; this condition will continue until the unit is switched off or the integral rechargeable power supply is exhausted.

The user has available to him/her a test facility for ensuring that the unit is in a fully charged and working state by means of the Push button 21 at the rear of the unit.

CLAIMS

1. A radio operated personal attack alarm comprising an alarm unit and radio receiver and a hand-held radio transmitter with which the alarm unit can be remotely triggered, the alarm unit containing a high-decibel siren, flashing strobe lights and an illuminated panel containing the location where help is required.
2. A radio operated personal attack alarm as claimed in Claim 1 wherein the power source is provided by means of rechargeable batteries.
3. A radio operated personal attack alarm as claimed in Claim 1 or Claim 2, with an illuminating message panel requesting Police or other appropriate action when in an alarm state
4. A radio operated personal attack alarm as claimed in Claim 1 or Claim 2, the main body of which is easily portable and can be located without difficulty in a prominent position in a locked motor car.
5. A radio operated personal attack alarm substantially as described herein with reference to figures 1 and 2 of the accompanying drawings.